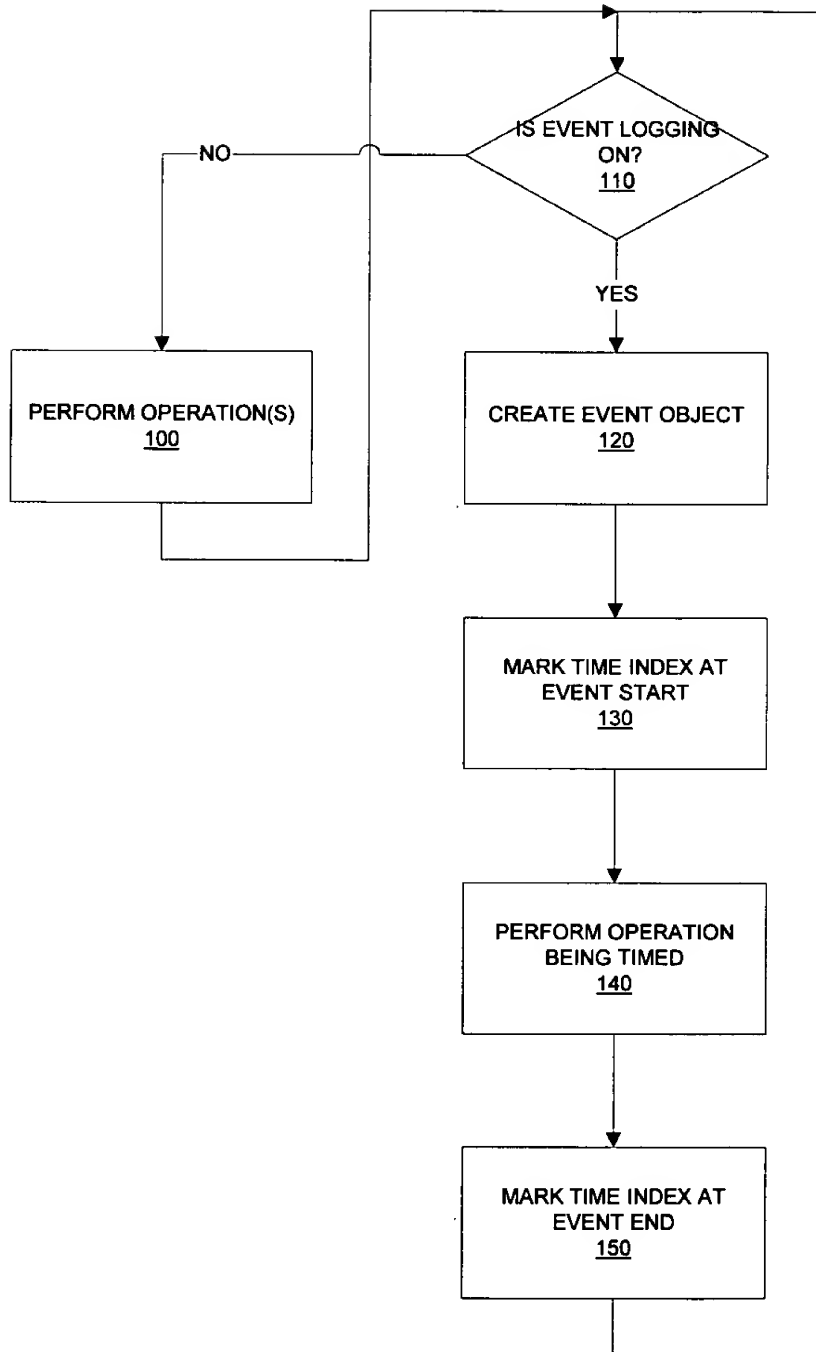


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**FIGURE 1**  
**Apple.P0005**

```

graph TD
    210[USER SELECTS GRANULARITY ("GRAIN") AND DEFINES CONTEXTS 210] --> 220[GROUP ALL EVENTS 220]
    220 --> 230[/FOR ALL EVENTS IN SUBGROUP:: 230/]
    230 --> 240{SUBGROUP LEVEL < GRAIN 240}
    240 -- YES --> 250[SUB-DIVIDE EVENTS INTO FURTHER SUBGROUPS 250]
    240 -- NO --> 280[AGGREGATE EVENTS WITHIN SUBGROUPS 280]
    250 --> 260[COMPUTE STATISTICS FOR EACH SUBGROUP 260]
    260 --> 270[/FOR EACH SUBGROUP 270/]
    270 --> 230
    280 --> 285[COMPUTE STATISTICS FOR EACH AGGREGATE 285]
    285 --> 290[DISPLAY STATISTICS 290]

```

**FIGURE 2**  
**Apple.P0005**

```

graph TD
    subgraph OS [OPERATING SYSTEM 300]
        direction TB
        subgraph TopRow [ ]
            direction LR
            A([APPLICATION 320])
            ELC[EVENT LOGGING CENTER 310]
        end
        subgraph BottomRow [ ]
            direction LR
            LWB[LOCAL WEB BROWSER 330]
            RWB[REMOTE WEB BROWSER 340]
        end
    end

    A -- "SEND TIMING" --> ELC
    A -- "INITIATE" --> EO((EVENT OBJECT 315))
    EO -.-> ELC
    LWB -- "SPECIFY GROUPING" --> ELC
    ELC -- "DISPLAY RESULTS" --> LWB
    ELC -- "SPECIFY GROUPING" --> RWB
    RWB -- "DISPLAY RESULTS" --> ELC
    A -- "PERFORM TRANSACTIONS" --> DB[(DATABASE 350)]
    DB --> LWB

```

**FIGURE 3**  
**Apple.P0005**



```
graph TD; A["(ROOT EVENT)  
initialize application  
510"] --> B["generate page  
520"]; B --> C["initialize page  
530"]; C --> D["generate component  
540"]; D --> E["database fetch to  
initialize component  
550"]; E --> F["generate reply for  
request  
570"]; F --> G["SEQUENTIAL END"]; B --> C; C --> D; D --> E; E --> F; F --> G;
```

The flowchart illustrates a sequential process for generating a page and its components. It begins with a root event labeled "(ROOT EVENT) initialize application 510". This event leads to a box labeled "generate page 520". From "generate page 520", the process flows to "initialize page 530". There is a feedback loop from "initialize page 530" back to "generate page 520". From "initialize page 530", the process flows to "generate component 540". From "generate component 540", the process flows to "database fetch to initialize component 550". There is a feedback loop from "database fetch to initialize component 550" back to "generate component 540". From "database fetch to initialize component 550", the process flows to "generate reply for request 570". Finally, the process ends at "SEQUENTIAL END".

**FIGURE 5**  
**Apple.P0005**

COMPUTER SYSTEM  
610

